

Interactive
Comment

Interactive comment on “Gas phase acid, ammonia and aerosol ionic and trace element concentrations at Cape Verde during the Reactive Halogens in the Marine Boundary Layer (RHAMBLE) 2007 intensive sampling period” by R. Sander et al.

Anonymous Referee #2

Received and published: 29 October 2013

Following corrections are suggested:

page-370, lines 18-20: One would presume that 10% precision is for high concentrations and 25% for low concentrations, however, it is better to define here that what concentration range corresponds to what precision level? When DL is given for individual species then what is "average" DL? Write a line about it.

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Page-386, Fig.6: Make the X-axis values clearly visible. One can write alternate days or, write the date as given in Fig. 7. In X-axes labels, Cl is written as CL, correct it.

Page-385, Fig.7: While writing EFCI, EFBr, and Brg, use Cl, Br, and g as subscript.

Page-386, Fig.8 For some elements, why detection limit (shown by red line) is different for the samples collected before May 24th. Include this information in figure caption.

Page-388, Fig.10: Axes labels are written in capital letters. It look better to see NA, CL, BRG etc as Na, Cl, Br superscript(g). Also, the font size of r2 values is too small. Make it visible.

Interactive comment on Earth Syst. Sci. Data Discuss., 6, 367, 2013.

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